Contents

Installation

Your remote control _____ 2
Preparation _____ 3
Installation _____ 4
Store TV channels
- Select the menu language and country _____ 4
- Automatic installation _____ 5
- Manual installation _____ 5

Give name _____ 6
Reshuffle the programme list _____ 6
Select favourite TV channels _____ 6
Install TV setup _____ 7
The keys on top of the TV _____ 8

Operation

Use of the remote control _____ 9-10
Use of the menus
- Picture menu _____ 11
- Sound menu _____ 11-12
- Features menu _____ 13-14

Dual Screen _____ 15
NEXTVIEW _____ 16-19
Teletext _____ 20-21

Connect peripheral equipment _____ 22-25
Tips _____ 28
Index _____ 28
Lexicon _____ 29

easy LINK

EasyLink features are based on the "one touch operation" approach. This means that a sequence of actions are executed at the same time in both the television and the video cassette recorder, provided both are fitted with the EasyLink function and connected with the eurocable supplied.

Your remote control

Peripherals p. 25
selection of **EXT1**, **EXT2**, **EXT3** or **FRONT**
TV TV selection
VCR Video recorder selection
DVD DVD selection
SAT Satellite selection

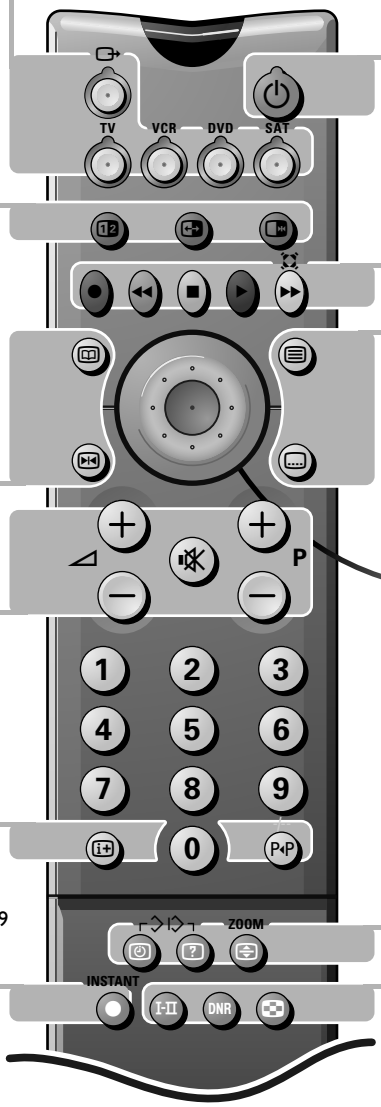
Dual screen p. 15
dual screen on/off
for future use
still teletext picture

NEXTVIEW on/off p. 16
freeze the picture p. 9

volume up/down p. 9
temporarily sound switch off p. 9
P programme selection p. 9

on screen info p. 9
P↩P previous programme p. 9
-/-- video recorder/DVD function p. 9

EasyLink p. 27
INSTANT recording start/stop



switch to standby p. 9

teletext on/off p. 20
continuous subtitles p. 9

cursor to select your choice p. 4
OK activate your choice

Colour keys
- **PICTURE**, **SOUND**, **FEATURES** menus, surround mode selection p. 9
- NEXTVIEW selection p. 16
- direct teletext page or subject selection p. 20

Video recorder p. 25
record
rewind
stop
play
wind

Installation p. 4

Teletext p. 21
time display/subpage selection
solution to riddles
zoom

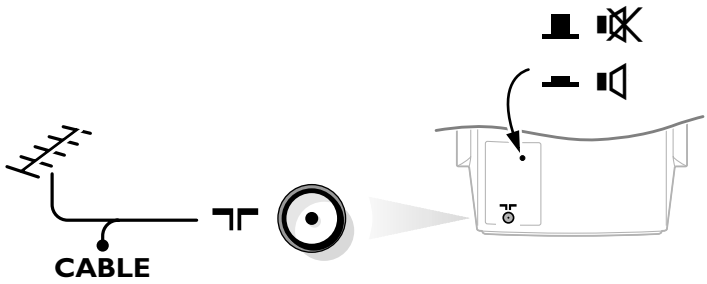
I-II bilingual choice/sound info p. 10
DNR reduce image noise p. 10
strobe p. 10

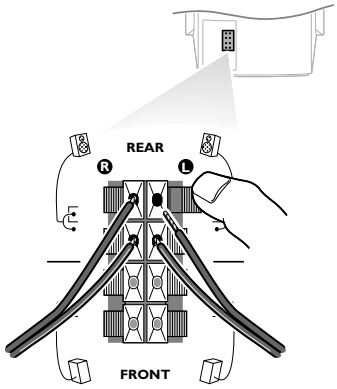
Smart Controls
smart sound p. 10
smart picture p. 10
picture format p. 10

Preparation

❶ **Place the TV on a solid surface**.
For ventilation, leave at least 5 cm free all around the TV.
To prevent any unsafe situations, do not place any objects on top of the TV.

❷ **Insert the aerial plug** tightly into the aerial socket at the back of the TV.
You can improve the picture quality by using the suppressor aerial cable supplied.

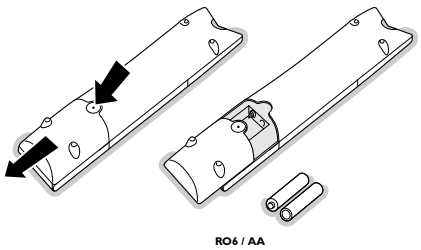




❸ Ensure the loudspeaker switch at the back of the TV is in the position.

❹ Connect the two Surround Sound rear loudspeakers supplied to the connector clips at the back of the TV. Always connect both Surround Sound loudspeakers: the left rear loudspeaker at **REAR L**; the right rear loudspeaker at **REAR R**.

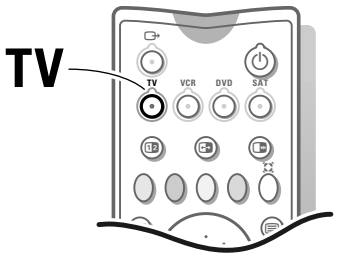
Push the connector clip down and insert the end of the wire into the opening: the positive wire (the one with the black line) to the red loudspeaker connection; the negative wire to the black loudspeaker connection. Do not insert the wires too far. The Surround Sound loudspeakers should always be located behind or to either side of the listener. If preferred you can also hang the loudspeakers on the wall.



❺ Insert the mains plug in the wall socket with a mains voltage of 220V-240V.

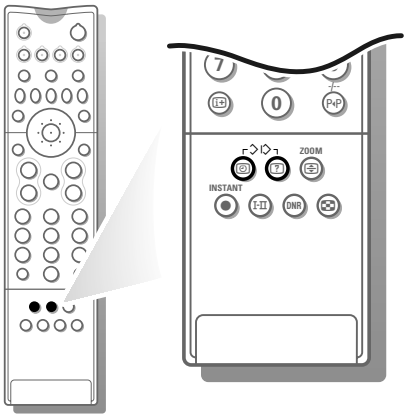
❻ Remote control: Remove the cover of the battery compartment.
Insert the 2 batteries supplied (Type R06G-1,5V).
Press the **TV** key to be sure your remote control is in the TV mode.

The batteries supplied do not contain the heavy metals mercury and cadmium. Nevertheless in many countries exhausted batteries may not be disposed of with your household waste. Please ensure you dispose of exhausted batteries according to local regulations.



❼ **Switch TV on**: Press the power switch ⏻ on the front of your TV.
A green indicator and the screen light up.
If the indicator is red, press the **- P +** key on the remote control.

The green lamp blinks every time you press a key on the remote control.
When you switch on your set for the first time, the menu LANGUAGE automatically appears on the screen. Alternatively the explanation appears in the different languages. Choose your own language and press the OK key in the centre of the cursor on the remote control.
Go on to page 4.



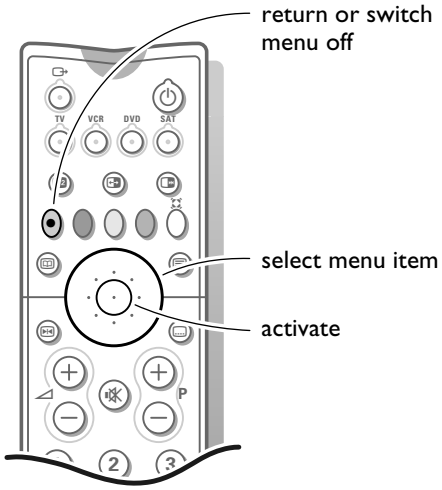
Installation

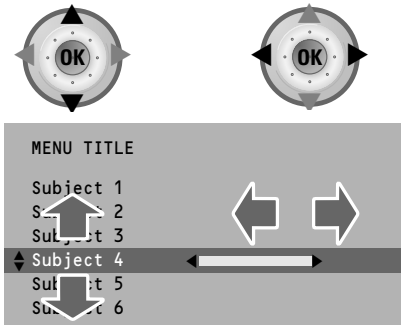
Select the INSTALLATION MENU :

1. Open the door of the remote control.
2. Press ⏻ and ? at the same time.

To use the menus

1. Use the cursor in the up/down, left/right direction to select a menu item.
2. Press the **OK** key in the centre of the cursor to activate.
3. Use the red ● key on to return or to switch menu off.





Store TV channels

If the TV is connected to a video recorder with the EasyLink function, the TV automatically transfers the language and country selections to the video recorder. After the new or extra TV channel(s) ha(ve)s been stored, the TV automatically transfers that (those) TV channel(s) to the video recorder.
*The message **EasyLink : Downloading .....** appears on the screen.*
The programme list of the video recorder is now equal to the one of the TV.

Select the menu language and country

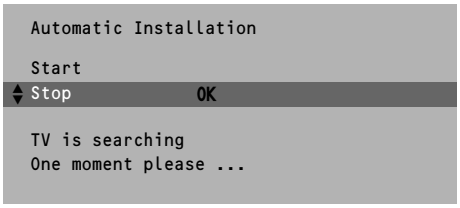
First, you have to select your language and your country.

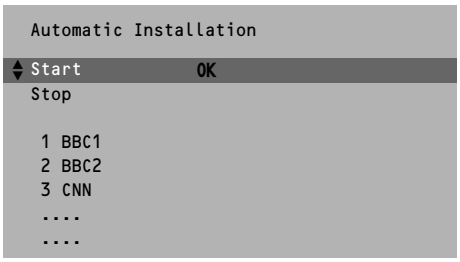
1. Select the menu **Language** and press the **OK** key in the centre of the cursor.
2. Select your language and press the **OK** key in the centre of the cursor.
3. Select **Country** and press the **OK** key in the centre of the cursor.
4. Select the country where you are now located and press the **OK** key in the centre of the cursor.
   Select **Other** when none of the countries applies.

You can now search for and store the TV channels in two different ways: using **automatic installation** or **manual installation** (tuning-in channel by channel).

- Select your choice and press the **OK** key in the centre of the cursor.

Automatic installation





In the Automatic Installation menu select **Start** and press the **OK** key in the centre of the cursor to activate the searching. All TV channels are searched for and stored automatically.

If a cable system which broadcasts ACI (Automatic Channel Installation) or a TV channel transmitting a teletext page with the frequencies and programme names of all the TV channels which can be received, is detected, the search is stopped and a programme list appears.
The programme list is automatically filled with all the programme numbers and names of the TV channels transmitted.

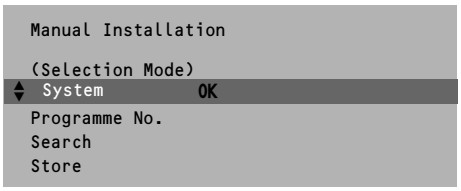
It is possible that the cable company or the TV channel displays a broadcast selection menu. Layout and items are defined by the cable company or the TV channel.
Make your choice with the cursor and press the ***OK*** *key in the centre of the cursor.*

To exit from the menu

- Press the red ● key on the remote control.

Go on to page 6

Manual installation



Searching for and storing TV channels is done channel by channel.
You must go through every step of the Manual Installation menu.

Selection Mode is only present and lights up if the country you selected also offers the channel option (C-channels for aerial channels, S-channels for cable channels).
You can choose either channel or frequency mode.

❶ Select the TV system

- Select the country or part of the world from where you want to receive the TV channel.
  If you are connected to a cable system, select your country.

❷ Enter the programme number with the digit keys.

❸ Search for a TV channel

The frequency or the channel number increases until a TV channel is found.
In case of poor reception, you can improve the reception by adjusting the frequency with the - P + key.

Direct selection of a TV channel

If you know the frequency, or the C- or S-channel number, enter it directly with the digit keys 0 to 9.
Ask for a list from your cable company or dealer, alternatively consult the Table of frequencies on the inside backcover of this handbook.

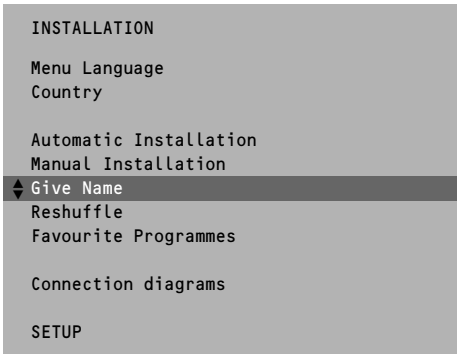
❹ Store steps ❶ till ❸

- Select **Store** and press the **OK** key in the centre of the cursor.

Repeat every step to store another TV channel.

To exit from the menu :

- Press the red ● key on the remote control.

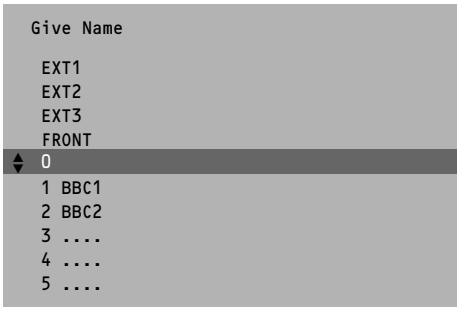


Give name

It is possible to change the name stored in the memory or to assign a name to a TV channel which has not yet been entered. A name with up to 5 letters or numbers can be given to the programme numbers 0 to 99. For example SUPER, BBC1,... Between 99 and 0 you can also name any peripherals that are connected.

1. Select **Give Name** in the **INSTALLATION** menu and press the **OK** key in the centre of the cursor.
2. Select the programme number.
3. Press the **OK** key in the centre of the cursor.
4. Select the character with the cursor up/down.
5. Select the following position with the cursor left/right.
6. Select the following character.
7. Press the **OK** key in the centre of the cursor when finished.
8. Press the red ● key to return to the **INSTALLATION** menu.

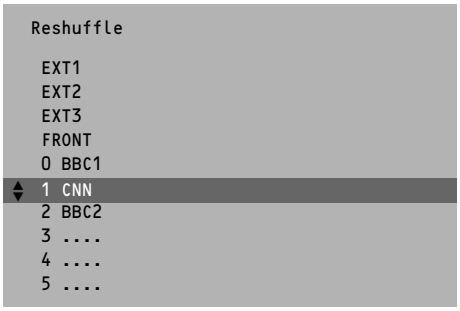
A space, numbers or other special characters are located between Z and A.



Reshuffle the programme list

According to your preference you **can** change the order of the stored TV channels.

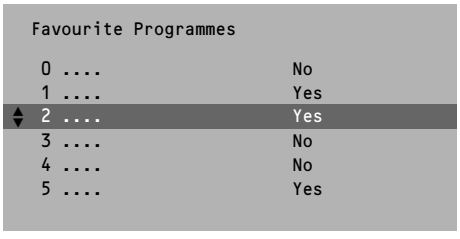
1. Select **Reshuffle** in the **INSTALLATION** menu and press the **OK** key in the centre of the cursor.
2. Select the programme number you want to change.
3. Press the **OK** key in the centre of the cursor.
4. Select the new number.
5. Press the **OK** key in the centre of the cursor.
   Repeat the operation until all TV channels are allocated as you like.
6. Press the red ● key to return to the **INSTALLATION** menu.



Select Favourite TV channels

After leaving the installation you can browse through the TV channels by pressing the **- P +** key. Only those TV channels which are in the favourite list will be displayed. The non-favourite TV channels can still be selected with the digit keys.

1. Select **Favourite programmes** in the **INSTALLATION** menu and press the **OK** key in the centre of the cursor.
2. Select your favourite programme number.
3. Select **Yes** or **No**.
4. Repeat for every TV channel you want to change into a favourite or a non-favourite TV channel.
5. Press the red ● key to return to the **INSTALLATION** menu.

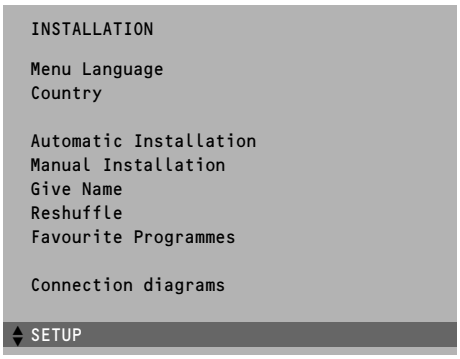


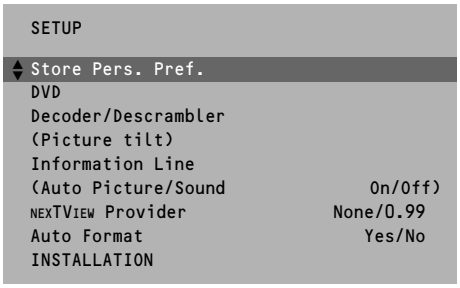
*If the TV is connected to a video recorder with the EasyLink function, the TV automatically transfers the reshuffled or modified TV channels to the video recorder. The message **EasyLink : Downloading Presets ...** appears on the screen. The programme list of the video recorder is equal again to the one of the TV.*

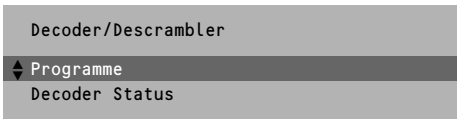
easy LINK

NEXTVIEW

In order to have the actual time displayed in the NEXTVIEW screen, the first TV channel from the favourite list should also broadcast teletext.







easy LINK

Connection diagrams

See Connect Peripheral Equipment, p. 22.

Install TV Setup

1. Use the cursor in the up/down, left/right direction to select the menu item.
2. Use the **OK** key in the centre of the cursor to activate.
3. Use the red ● key to return or switch menu off.

Store Personal Preferences

The adjustments of Contrast, Brightness, Colour, Tint, Digital Scan and Dynamic Contrast made in the picture menu and the adjustments of Volume, Graphic Equalizer and Loudness made in the sound menu can be stored in memory for all the TV channels.

DVD

See Connect Peripheral Equipment, TV and a DVD, p. 23.

Define Decoder/Descrambler programme numbers

If you have connected a decoder or a descrambler, see p. 22, you can define one or more programme numbers as decoder programme numbers.

- Press the cursor left/right to select **Off**, **EXT1** or **EXT2**, the euroconnector where you connected your decoder.
- Select **Off** if you do not want the selected programme number being activated as a decoder programme number.

Select **EXT2** *when the decoder is connected to your EasyLink video recorder. When selecting the decoder, the message* ***EasyLink: Downloading Presets....*** *appears on the screen.*

Picture Tilt *(only for 32" or 82 cm sets)*

- Select **Picture Tilt** with the cursor up/down.
- Keep the cursor left/right pressed to adjust the rotation of the picture.

Information Line

After the selection of a TV programme or after pressing the i+ key on the remote control, a TV channel which broadcasts teletext may transmit the name of the TV channel or the programme name or another message which appears briefly in the information line on the screen.
When selected **Off**, the information line will only appear after pressing the i+ key, and not after the selection of a TV channel.

Auto Picture/Sound (if provided)

When switched **On**, the picture- and soundstyle are automatically selected depending on the transmitted programme theme. See also NEXTVIEW, p. 16.
If a theme is transmitted that is not in the list of the theme-picturestyle, then the **personal** style will be chosen. See Smart Controls keys, p. 10.

Auto Format

Selecting **Auto Format Yes**, the screen will automatically be filled as much as possible with the picture in case of no PALplus transmission or when TV programmes are not carrying special signals detecting the correct screen format.
With the ⊡ key on the remote control you can still select other picture formats (see p. 10).

NEXTVIEW provider

NEXTVIEW enables you to see a television programme guide on the screen instead of in a weekly magazine. See NEXTVIEW, p. 16.
NEXTVIEW functionality is based on extended teletext services offered by TV channels, providers. Normally you will select as NEXTVIEW provider the TV channel that transmits most information in your language. You can make the best selection via info from TV announcements or from the newspapers.

- Select the programme number of the desired TV channel as stored in the favourite programme list, with the cursor left/right or with the digit keys. The selected TV channel will provide a programme guide and additional info of its own broadcasts as well as from other (non selected) TV channels.
- Select **None** if you only want the programme guide of the watched TV channel.

Important:
In order to have the actual time and date displayed in the NEXTVIEW screen and NEXTVIEW working properly, the first TV channel from the favourite list should also broadcast teletext.
Please check at startup if the time and date are correct in the NEXTVIEW screen.

Not all TV channels support NEXTVIEW.
How to make use of NEXTVIEW, see p. 16.

Installation

Select **Installation** and press the **OK** key in the centre of the cursor to return immediately to the **INSTALLATION** menu.

To exit from the menu

4 Keep the red ● key on the remote control pressed.

The keys on top of the TV

Should your remote control be lost or broken you can still change some of the basic picture and sound settings with the keys on top of the TV.

- Press the **MENU** key repeatedly to select **Volume**, **Brightness**, **Colour** or **Contrast**.
- Press the - or + key to regulate the selected adjustment.
  When the menu adjustment is not displayed, the - and + keys enable you to select the TV channels.

The selected adjustment automatically switches off when after 10 sec. no action has been executed.

Use of the remote control

Dual Screen see p. 15

for future use

● ◀◀ **PICTURE, SOUND** and

■ **FEATURES** menu

▶ **Programmes**

Select the desired TV channel and press the **OK** key in the centre of the cursor.

● ◀◀ ■ ▶ ▶▶ **Video recorder** see p. 25.

Surround-mode selection ▶▶

Press this key repeatedly to select another surround mode: Pro Logic, Dolby 3 Stereo, Hall or Off.

NEXTVIEW on/off see p. 16

Freeze ▶|◀

To activate/de-activate the frozen picture.

Volume

The volume is adjusted. If you want to store the volume adjustment in the memory, see the Setup menu, Store Pers. Pref., p. 7 to store the same volume adjustment for all the stored TV channels.

Mute key

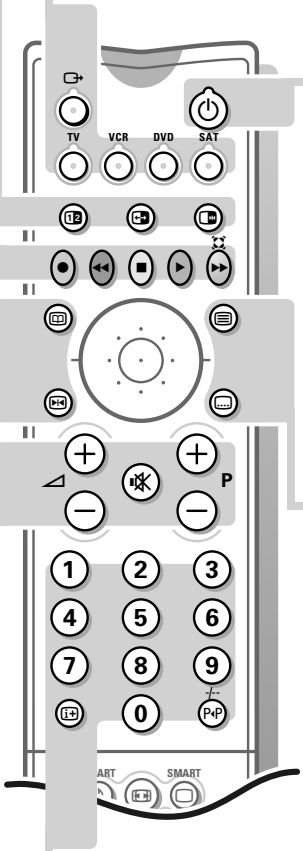
Temporarily interrupt the sound or restore it.

P Programme selection

To browse through the TV channels activated in the Favourite Programme menu. See p. 6.

0/9 Digit keys

To select a TV channel.
For a two digit programme number, enter the second digit within 2 seconds.



Select peripherals

Press this key repeatedly to select **EXT1**, **EXT2, EXT3** or **FRONT**, according to where you connected your peripherals (see p. 25).

TV VCR DVD SAT

TV, Video recorder, DVD or Satellite operation

Press one of this keys to use the remote control directly in the TV, video recorder, DVD or satellite mode.

Standby

The set is switched off and the red indicator (green in the case of NEXTVIEW info acquisition) lights up.
In case of NEXTVIEW acquisition the TV is switched to full standby after about 30 min. and the red indicator lights up.
To switch the TV on again, press **- P +** or the digit keys.
If your EasyLink video recorder has the system standby function and you press the standby key for 3 seconds, both the TV and video recorder are switched to standby.

Teletext on/off see p. 20.

Continuous subtitles

TV channels with teletext often transmit certain programmes with subtitling.
Switch on teletext and select the proper subtitle page from the index.
Press to store the subtitle page.
Switch off teletext.
Every time a programme of the selected TV channel is subtitled, the subtitling will be available for that TV channel.
Press to switch subtitles **On** or **Off**.
When switched on and the subtitle symbol appears, there are no subtitles available for that programme.
Note: subtitling is not available when in Dual Screen mode with teletext.

P◀P Previous programme

The previously selected TV channel is displayed.
The -/-- indication has a video recorder/DVD function.

Screen information / Permanent programme number

Press for 5 seconds to activate/de-activate the continuous display of the programme number and extended or reduced display of TV channel and programme information on the screen. *This function is not available when continuous subtitles have been switched on.*
Press briefly to display information about the selected TV channel and programme, the sound reception, the selected DNR setting and picture format and the remaining time set with the sleeptimer.

Time display

The time, downloaded from the TV channel (with teletext) stored on programme number 1 or under the lowest favourite programme number, is displayed on the screen.

This function is not available when continuous subtitles have been switched on.

Reveal (in teletext mode)

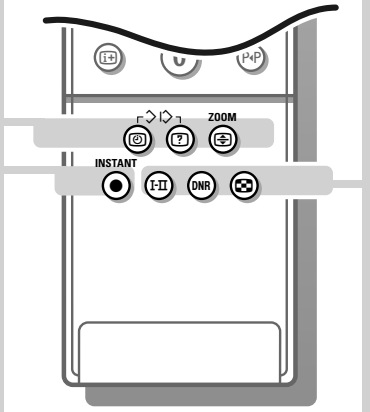
Press to reveal/conceal the hidden information, such as solutions to riddles and puzzles.

Zoom (in teletext mode)

Press repeatedly to display the upper part, the lower part and then to return to the normal page size.

● Instant record/stop

If your video recorder has the EasyLink function the **INSTANT** ● key for record can be operated in the TV mode. Press again to stop.



I-II Bilingual choice and sound mode selection

Press this key

- to switch from **Stereo** to **Mono** sound, in case of stereo transmission, or from **Digital Sound** to **Digital Sound available**, in case of digital transmission;
- to choose between language I (Dual I)or language II (Dual II), in case of bilingual transmission.

The setting is stored for each TV channel separately.

DNR Dyn. Noise Reduction

To reduce the image noise and improve picture quality when receiving weak signals. Press this key to select **Off** or **Automatic.** When **Automatic** is selected, the image noise reduction is set automatically.

Strobe

Press this key to reproduce the picture image by image.
Press the key to have a faster speed.
Press again to switch off the strobe function.

Smart Keys

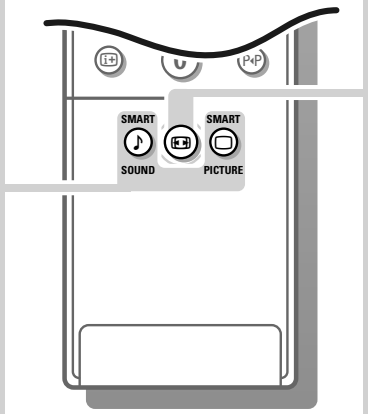
To select predefined picture and sound settings.

Smart Picture

Each time it is pressed, a different picture setting is selected, corresponding with a specific predefined setting of Contrast, Colour, Sharpness and Dyn. Contrast.

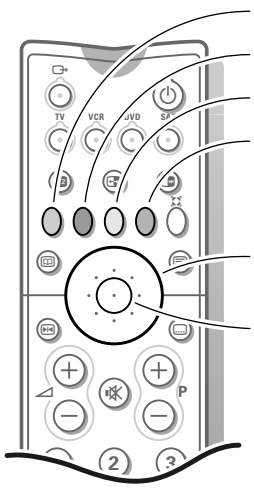
Smart Sound

Each time it is pressed, a different sound setting is selected, corresponding with a specific predefined setting of Treble, Bass or Loudness.
Automatic refers to the settings automatically selected according to the programme being broadcast.
Personal refers to the personal preference setting of picture and sound which you have stored with Store Pers. Pref. in the Setup menu, p. 7.
The smart picture and sound settings are set to **Manual** until the personal adjustments are stored and you switched off the TV and on again.



Picture format

Press this key repeatedly to select another picture format: 4:3, Movie Expand 14:9, Movie Expand 16:9 with or without subtitling, Wide Screen, Automatic (in case Auto Format Yes has been selected in the **SETUP** menu) or Super Zoom.
When in Movie Expand 14:9 or 16:9 picture format you can make subtitles visible with the cursor up/down.
When the broadcaster transmits PALplus signals, the Movie Expand 16:9 picture format is selected automatically.
Sometimes video recorders or TV programmes carry special signals which will automatically switch the TV to the correct screen format.
Selecting Auto format, the screen will be filled as much as possible with the picture in case of no PALplus transmission or when TV programmes are not carrying special signals detecting the correct screen format.
Auto format is disabled when in Dual Screen.

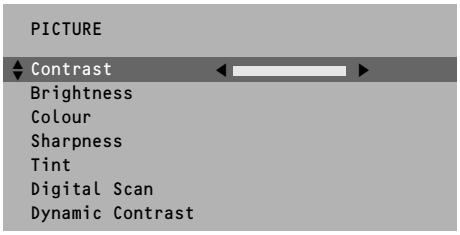


Use of the menus

1. Press the red, green or yellow colour key to display/cancel the **PICTURE**, **SOUND** or **FEATURES** menu.
2. Use the cursor in the up/down, left/right direction to select the menu item.
3. Use the **OK** key in the centre of the cursor to activate.
4. Press the same colour key again to return or to switch menu off.

Picture menu

When you are watching a TV channel in the NTSC-system, or if a NTSC peripheral is connected to one of the euroconnectors, the option Hue also appears.



- Store the modified adjustments for Contrast, Brightness, Colour, Tint, Digital Scan and Dynamic Contrast for all TV channels with **Store Pers. Pref.** in the **SETUP** menu.

Sharpness

You can adjust the Sharpness for each TV channel separately.

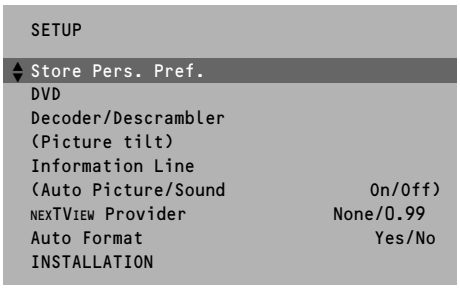
Tint

- Select the colour temperature: **Normal**, **Warm** or **Cool**.

Digital Scan (Line Flicker Reduction)

Not available in Movie Expand picture format.
In certain circumstances while watching TV programmes it may be preferred to switch off the digital scan line flicker reduction.

- Press the cursor left/right to select **On** of **Off**.

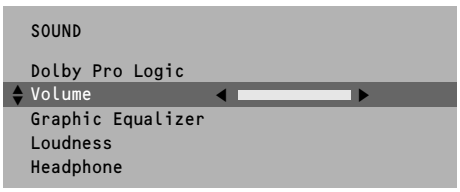


Dynamic Contrast

To make the contrast between darker and brighter picture parts more noticeable, select the **Med** setting.
In certain circumstances it may be preferred to select **Min** or **Off**.

Sound menu

- Store the modified adjustments for Volume, Treble and Bass from the Graphic Equalizer menu and Loudness for all TV channels with **Store Pers. Pref.** in the **SETUP** menu.



Graphic Equalizer

Here you can select the preferred sound style which does not correspond with a specific predefined setting of the graphic equalizer under the Smart Controls key ♪. The sound style is set to Manual until the personal graphic equalizer settings are stored and you have switched your TV off and on again.

Switch Loudness on or off

When Loudness On is selected, the low and high frequencies are amplified so that the natural balance is restored when listening at a low volume.
The selected setting for Loudness is stored for all TV channels.

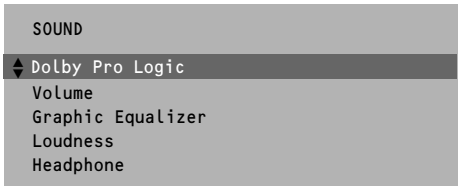
Headphone

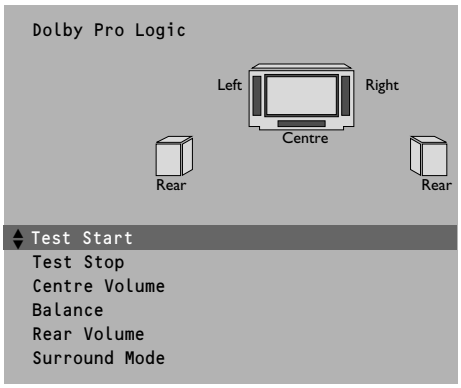
See Connect Peripheral Equipment, p. 23 for the connection of the headphone.
Select **Dual** to choose between the dubbed or original language when the TV channel broadcasts in two languages.

To exit from the menus

- Press the corresponding red, green or yellow colour key.

Dolby* Pro Logic





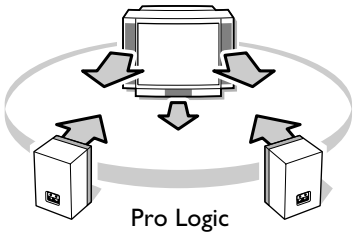
Adjust the volume balance level of the loudspeakers

Most programmes will sound good with the volume balance between the centre left and right and rear loudspeakers in an equally loud position. However, some programmes may benefit from an adjustment of the level of the respective speakers.
Which loudspeakers are active depends on the Surround Mode selection you make below.

1. Select **Pro Logic** in Surround Mode of the **DOLBY PRO LOGIC** menu.
2. Select **Test Start** and press the **OK** key in the centre of the cursor.
   A steady noise tone is switched sequentially through the left, centre, right and rear loudspeakers, for 2 seconds each. This enables you to adjust the volume of the separate loudspeakers.
   The loudspeakers activated light up in the on screen graphic.
3. Select **Centre Volume**, **Balance** or **Rear Volume** and alter the selected adjustments.
4. Select **Test Stop** in the **DOLBY PRO LOGIC** menu and press the **OK** key when you have finished the adjustments of the level of the speakers.

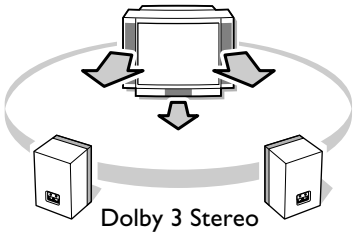
Surround mode

Select the Dolby Surround Sound mode according to the sound mode being broadcast.



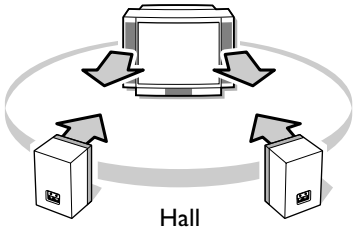
Pro Logic (with Dolby Surround broadcasting)

In addition to the left and right front speakers, the centre and the rear surround loudspeakers reproduce the Dolby Surround Pro Logic sounds. This 4-channel sound is always recorded when the movie or programme is marked with DD Dolby Surround.
This mode is especially recommended for such programmes as movies.



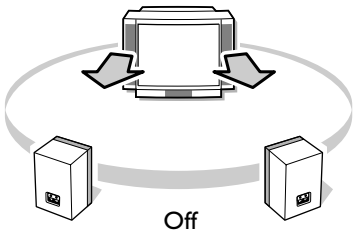
Dolby 3 Stereo (with Dolby Surround broadcasting)

The Dolby 3 Stereo sound signal is now distributed over the front left, the front right and the centre loudspeakers.
The rear loudspeakers do not produce any signal.



Hall (with Dolby Surround broadcasting)

The centre sound signal is distributed over the rear loudspeakers which creates a hall effect from the rear.
The centre loudspeaker does not produce any signal.
This mode is recommended when you wish to add surround sound to a broadcast which is not encoded Dolby Surround.

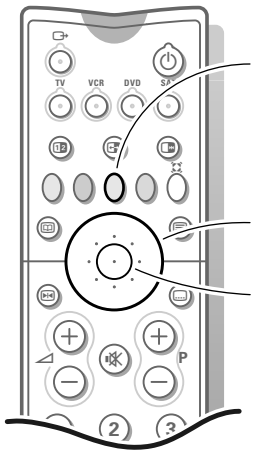


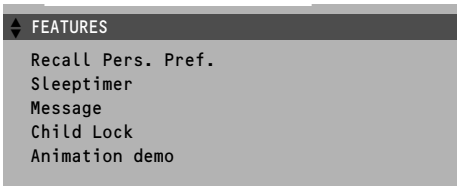
Off

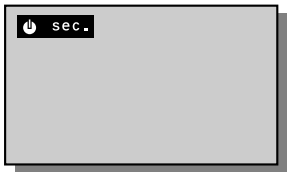
This mode reproduces only the left and right front sound signals.
You only hear a stereo sound if the broadcast which you are watching or listening to is transmitted in stereo or digital sound.

- Press the green ◀◀ key to return to the **SOUND** menu.

* DOLBY SURROUND PRO • LOGIC 'Dolby' 'Pro Logic' and the double-D symbol DD are trademarks of Dolby Laboratories Licensing Corporation.
Manufactured under license from Dolby Laboratories Licensing Corporation.







Features menu

1. Press the yellow colour key to display/cancel the **FEATURES** menu.
2. Use the cursor in the up/down, left/right direction to select the menu item.
3. Use the **OK** key in the centre of the cursor to activate.

Recall Personal Preferences

Select **Recall Pers. Pref.** and press the **OK** key in the centre of the cursor to restore picture and sound settings, stored in the Setup menu, p. 7.

Sleeptimer

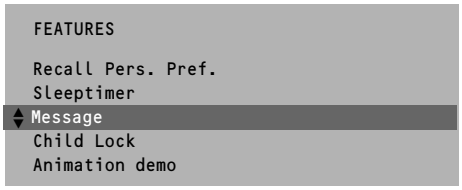
With the sleeptimer you can set a time period after which the TV should switch itself off to standby.
The counter runs from **Off** up to **180 min.** or from **180 min**. down to **Off**. One minute before the TV is set to go to standby, the remaining seconds appear on screen. You can always switch off your set earlier or change the set time.

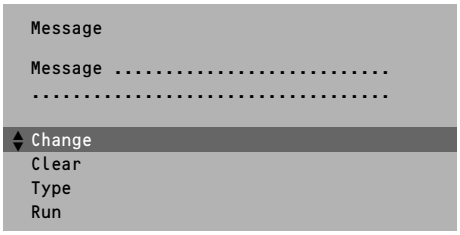
Child Lock

If the child lock is on, the TV can only be switched on with the remote control. The - and + keys on top of the TV cannot be used to select a TV channel. In this way you can prevent unauthorised use of your TV.
If the message **Child Lock On** appears, the child lock must be switched off before you can use the - and + keys on top of the TV to select a TV channel.

Animation demo

Selecting this menu item starts a continuous loop of an animation introducing your TV. This animation has no operational function.
Press the **OK** key in the centre of the cursor to stop the animation.





Message

With this function you can enter a personal message on 2 lines which will be displayed automatically when the set is switched on from standby.
For example: I'll be late this evening. Don't wait for dinner.

Change

- Select with the cursor up/down the letter or number you want to enter.
- Select with the cursor right the next position.
- Press the **OK** key in the centre of the cursor when you have entered the complete message.

Clear

- Press the **OK** key in the centre of the cursor to remove a previous message.

Type

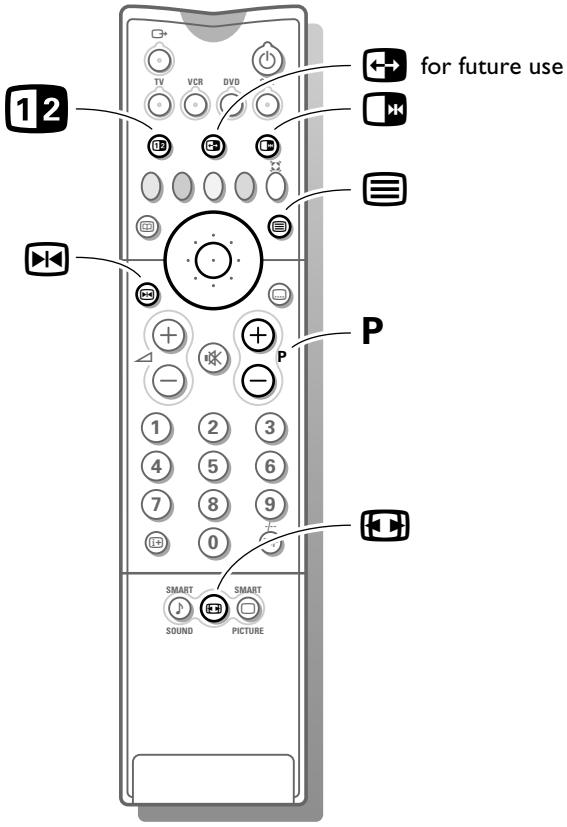
- Press the cursor left/right to select the way the message will be displayed : **Wipe**, **Slide**, **Fall** or **Fade**.
  The Fade display is a randomly selection of the three other display types.

Run

- Press the cursor left/right to select the display frequency : **Continuous**, **Once** or **No**.

Display message

- Switch the TV to standby.
  The message appears on the screen when the TV is switched on again.
  If you selected **Once**, the message will disappear from the screen after 30 seconds.
  If you selected **Continuous**, the message will appear on the screen until the display frequency is switched off in the Message menu.
  The message does NOT appear when Continuous Subtitles have been switched **On**. See p. 9.



Dual Screen

1. Press the 1 2 key to switch on Dual Screen.
   The TV screen is divided into 2 parts:
   - the left side for the normal main picture,
   - the right side for teletext broadcast by the selected TV channel or for NEXTVIEW.

   To operate NEXTVIEW, see p. 16.
   To operate teletext, see p. 20.

   If Dual Screen is **Off**, the picture, teletext or NEXTVIEW are displayed full screen.

2. Press the key to select a vertical squeezed or a non vertical squeezed picture size.

3. Press **+ P -** to run through the teletext pages.

4. Press the key to return to a full picture screen and to select another TV channel with the + P - or with the digit keys.

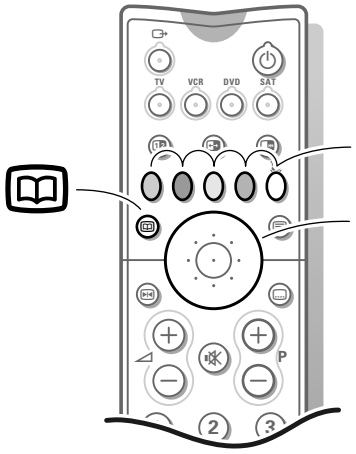
Select still picture

- Press the ⏭ key to freeze the pictures.
- Press the key to freeze only the teletext picture.
  The information in this page is not being updated by the teletext broadcaster.

NEXTVIEW

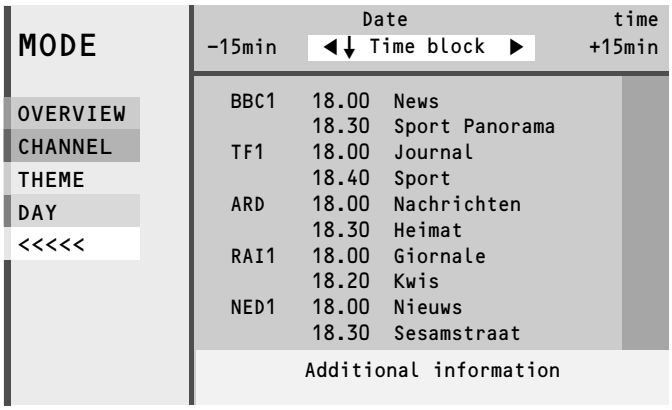
NEXTVIEW is the TV guide out of a weekly magazine integrated in the TV. Some broadcasters provide information about their own programmes and sometimes other TV channels for one or more days. Select the desired broadcast provider in the Setup menu, p. 8.
You can search for the programmes you want to watch 24 hours per day. It is also possible to search for a programme by theme, e.g. sport, movie, etc. or by time, e.g. what's on tonight on BBC1 between eight and nine o' clock. Once a programme has been selected it can be tagged, to remind you, or to record on the video recorder automatically (provided the video recorder is equipped with NEXTVIEWLink), once, daily or weekly. NEXTVIEW also allows direct access to stored information on programmes provided by the broadcaster.

The broadcaster is responsible for the contents of the information. The TV is responsible for the capture of that information and for the presentation to the user. A menu-structure, selection and navigation possibilities are provided by the TV software.



Use of the NEXTVIEW menus

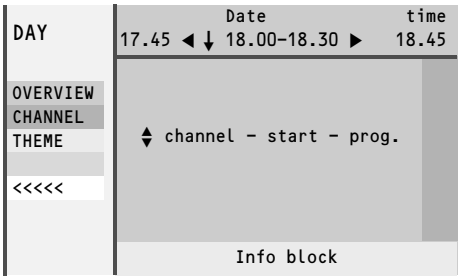
❶ Press the 📖 key on the remote control to display/cancel the NEXTVIEW menu.



❷ Press one of the colour keys:
- to select the way the programmes are sorted:
  DAY for the daily guide, **CHANNEL** for the channel guide, **THEME** for the theme guide, **OVERVIEW** for an overview of all the programmes which are marked as reminders or for recording;
- to select one of the basic functions, record, remind, watch, info, after you have selected a programme with the cursor down;
- to select one of the record/remind intervals: once, daily, weekly, clear or Series in case of a serial;
- press the white colour key to quit NEXTVIEW, to return to a previous screen or to close the Info screen.

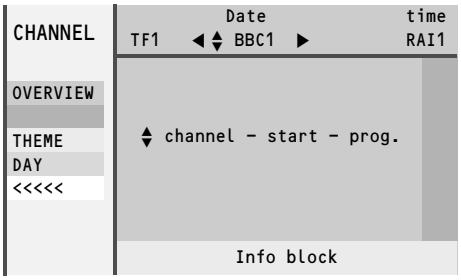
❸ Use the cursor in the up/down, left/right direction to select the date, the time block, the TV channel, the theme or to enter in the programme list.
When the use of the cursor is possible arrows are presented to indicate the possible selections.

The NEXTVIEW offers 4 modes to sort and represent information



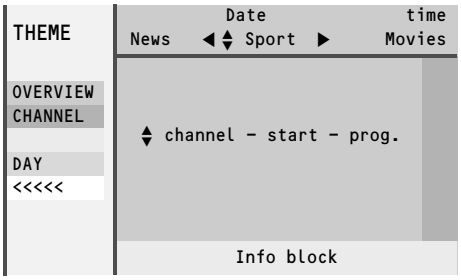
Day

The day guide provides an overview of all programme titles active in the selected time block. Time blocks are 15 minute intervals starting from the current time of the current day until 03.00 hours of tomorrow.
The default order is based on the programme list of the favourite TV channels as stored in the installation of the TV. TV channels not marked as favourite TV channels will not appear. The currently watched programme is selected and displayed at the top of the list.
Default NEXTVIEW opens with the **DAY** screen.
If **None** has been selected as NEXTVIEW provider in the Setup menu, the day screen will be absent.



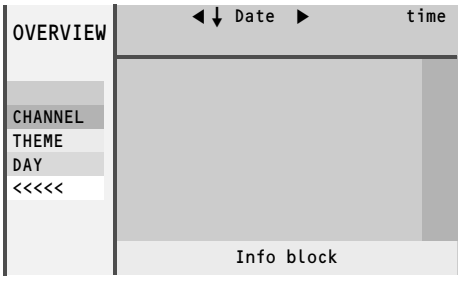
Channel

The channel guide provides an overview of all programmes per selected TV channel on the selected date.
The list will start with the earliest broadcasted programme.



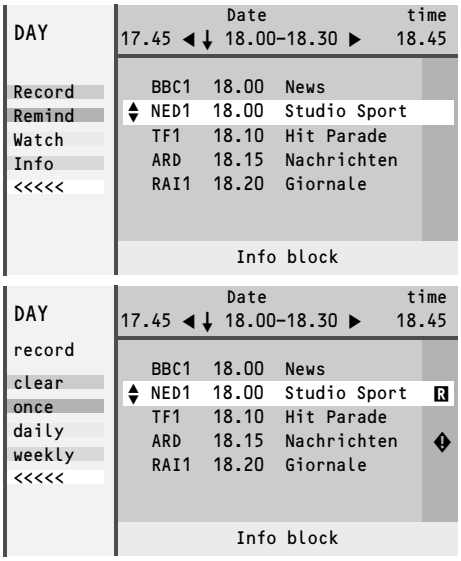
Theme

The theme guide displays a list of all programmes at the selected date, that matches with the selected category (news, sport, culture, movies...).
The default starting item will be the current or next programme on the current TV channel.
When more than one programme starts at the same time, they are displayed according to the programme number.
When another date is selected the list of programmes displayed will start with the earliest programme.
The **THEME** selection possibility is only present if programmes in the TV guide, have defined themes.



Overview

The Overview list provides a list of all reminders and recordings per day. The first item displayed will be the one closest in time.
When more than one of the same items start at the same time or have an overlap in time these will be marked by a flashing highlight and a message.
After the programme has been broadcast, all items set for once will be deleted from the list.



Basic functions

The function **Watch** is only available if a currently broadcasted programme is selected. Otherwise the function is not available.
The selection causes the TV to tune to the selected channel and NEXTVIEW is switched off.

When **Info** is activated, information relating to the selected programme or advertisements are displayed.

When **Record** R or **Remind** ❗ are activated the screen turns to Record or Remind mode. This is indicated by a tag-box appearing after the selected programme. The default interval is set to **Once**. The colour of the tag refers to the interval.
After setting the interval the message **Storing** appears to indicate the tuner of the video recorder is programmed.
When watching a certain programme, a message will appear on the screen the moment the tagged programme with ❗ starts.
When the TV is in standby, the TV switches on the moment the tagged programme with ❗ starts.

In case where a series tag is broadcast the options **daily** and **weekly** can be replaced by the option **series.** In this case the system identifies when the next episode of the series will be broadcast.

Acquisition and updating of NEXTVIEW information

Full acquisition and updating of NEXTVIEW information for the selected provider, if any, is done when the TV is switched to standby after watching the TV. (Possibly, limited acquisition might happen during watching. Follow the messages on screen.)
The TV enters a semi standby mode, the indicator remains green and switches to full standby automatically after all needed acquisition or updating is complete. The indicator then turns red. As long as the TV remains in standby, acquisition will again happen during the night.
Full acquisition is however only done if the start of the previous period of semi standby is 12 or more hours in the past. So, the information acquisition for the selected provider is done as a maximum twice a day.
Acquisition for non selected providers (selection **None** in the Setup menu) is only done while watching the TV channel.

Note: it may be necessary to put the TV into standby mode when all NEXTVIEW information is outdated, e.g. returning from holiday.

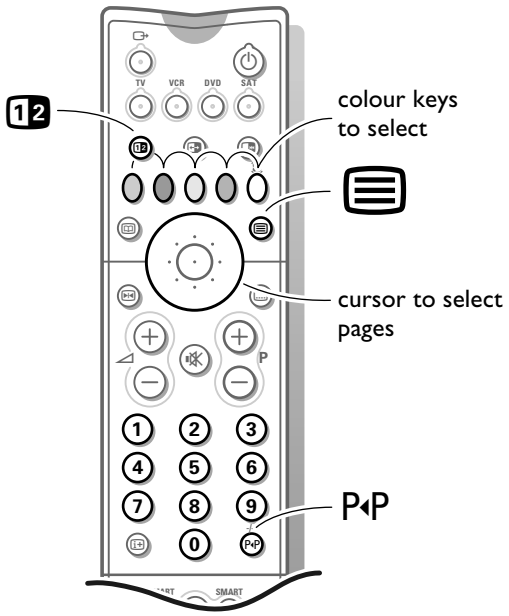
Video recorder restrictions with NEXTVIEW

The **Record** item and the automatic recording will only be present and possible if your video recorder is equipped with NEXTVIEWLink.

The daily, weekly or series options, the number of recordings set and the way overlapping recordings are managed, depend on the type of video recorder type you have. The moment all video recorder timers are used, the item **Record** in the menu will be removed.

Upload video recorder overview.
When the TV is switched on, the programmed record blocks are uploaded to the TV to check whether any manual addition or deletions have been done. This is shown in the overview.
The video recorder manages and removes timer recordings when performed.

Some NEXTVIEWLink video recorders do not allow a daily programming of recording to start on a Saturday or Sunday. In this case the item **daily** will be removed from the menu on those days.



Teletext

Most TV channels broadcast information via teletext. Each channel which broadcasts teletext transmits a page with information on how to use its teletext system. Look for the teletext page with the main index (usually p. 100).

Depending on the TV channel, teletext is transmitted in different systems. The colours used in the options line correspond with the colour keys of your remote control.

About the Easy Text system

The Easy Text system considerably reduces the waiting time (on condition the teletext broadcast of the particular TV channel is switched on for at least half a minute) by :

- a **direct selection** of previous and following pages which are in transmission and of the pages referred to in the options line
- a **habit watcher list**: frequently used pages are put in a list of preferred pages, so that they are immediately available afterwards
- the **precapturing of the page numbers** referred to in the displayed page
- the **precapturing of all the subpages**.

Switch Teletext on and off

- Press ☰ to switch on or off the teletext.
  The main index page appears on the screen together with two information lines at the top and one option line at the bottom of the screen.

Select a Teletext page

With the digit keys

- Enter the desired page number with the digit keys.
  The page counter seeks the page or the page appears immediately when the page number has been stored in the memory.
  A message appears when you have entered a non existent or an incorrect page number. Page numbers beginning with 0 or 9 do not exist. Choose another number.

With the option line

- Select with the colour keys, corresponding to the coloured options at the bottom of the screen, the desired subject.

Select Picture/Teletext

- Select a TV channel which broadcasts teletext.
- Press the 1 2 key.
  The screen is divided into two parts: the left side for the normal main picture, the right side for teletext broadcast by the selected TV channel.
- Press the ☰ key to return to a full screen picture.

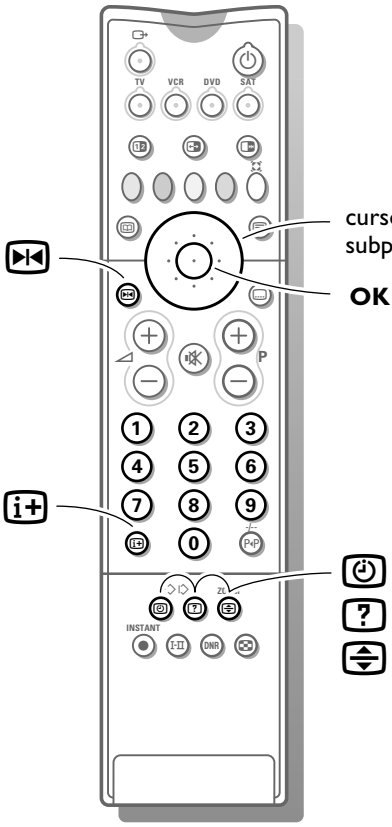
Quickly run through the teletext pages

- Press cursor up/down or the - P + key to run through the previous or the following pages.

Select the previously selected txt page

- Press the P↤P key.

Select the index teletext page



- Press the white colour key to display the main index (usually p.100).

Only for T.O.P teletext broadcasts :

T.O.P orders the pages in categories and adds other possibilities of enhancing ease of use.

- Press i+. A T.O.P. overview of the teletext subjects available appears. Not all TV channels broadcast T.O.P. teletext. When the teletext system is not T.O.P. teletext, a message appears at the top of the screen. A T.O.P. overview is not available when in Dual Screen mode.
- Select with the cursor up/down, left/right the desired subject and press the **OK** key in the centre of the cursor.

Select subpages

When a selected teletext page consists of different subpages, one of the subpages appears on the screen.
The coloured number in the first information line refers to the displayed subpage.
The other subpages can be selected in 2 ways :

1. With the cursor left/right.

The other subpage numbers appear in white as soon as the transmission has found them. They are stored in the memory so that they are available while the teletext page is on screen.

- Select with the cursor left/right the previous or the following subpage.

2. With the ⏲ key.

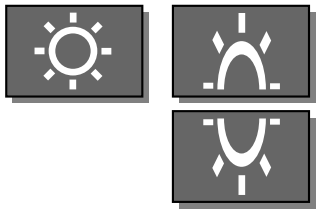
- Enter the subpage number yourself.
  Press ⏲. Enter the desired subpage with the digit keys : e.g. 3 for the third page of seven subpages.
  The TV searches for the selected subpage.

Automatically rotating subpages:

- Press ⏲ again to cancel the entered digit key for the subpage.
  Now the subpages rotate automatically.

- Press ⏲ again to select the subpages with the cursor left/right again.

Special teletext functions



Hold

- Press ⏯ to stop the page counter from seeking when you have entered a wrong page number or when the page is not available.
- Enter another page number.
  Not possible when in dual screen teletext mode.

Zoom

- Press ⇳ repeatedly to display the upper part, the lower part and then to return to the normal page size. When the upper part is displayed, you can scroll the text line per line by using the cursor up/down.

Reveal

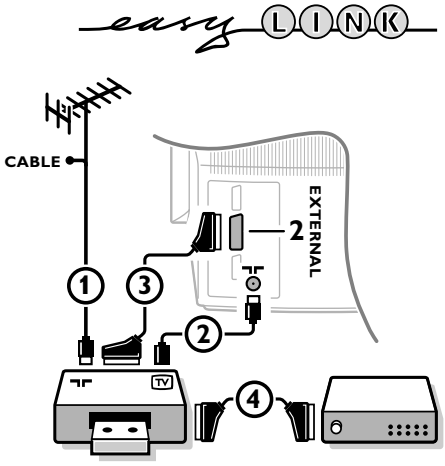
- Press ? to reveal/conceal the hidden informations, such as solutions to riddles and puzzles.

Connect Peripheral Equipment

Connection diagrams
Amplifier
Front speakers
Rear speakers
DVD
Decoder/Descrambler
VCR1
VCR2
Antenna

There is a wide range of audio and video equipment that can be connected to your TV. The following connection diagrams show you how to connect it. See also **Connection diagrams** in the **INSTALLATION** menu where the different connection possibilities are shown. Each time a menu item is selected a graphic is shown of the connection. Those graphics have no operational function.

Video recorder



- Connect the aerial cables ①, ② and, to obtain a better picture quality, eurocable ③ as shown opposite.

If your video recorder is provided with the EasyLink function, the eurocable supplied with it, should be connected to ***EXTERNAL 2*** *to benefit from the EasyLink functionality.*

You have to do the following if you do not connect the eurocable ③,

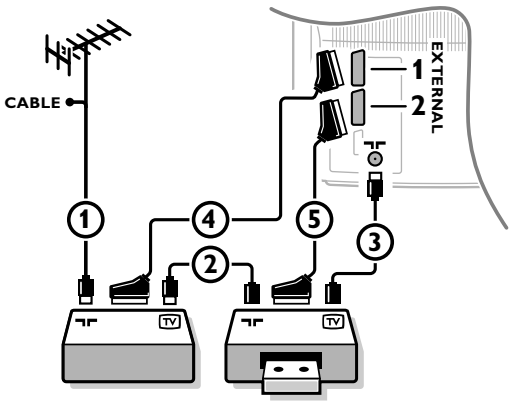
Search for and store the test signal of the video recorder

- Unplug the aerial cable ① from the aerial socket ⊓ of your video recorder.
- Switch on your TV and put the video recorder on the test signal. (See the handbook for your video recorder.)
- Search for the test signal of your video recorder in the same way as you searched for and stored the TV signals. See Installation, Searching for and storing TV channels, Manual Installation, p. 5.
- Store the test signal either under programme number 0 or between 90 and 99.
- Replace the aerial cable in the aerial socket ⊓ of your video recorder after you have stored the test signal.

Decoder and video recorder

- Connect a eurocable ④ to your decoder and to the special euroconnector of your video recorder. See also the video recorder handbook.
  See Define Decoder/Descrambler prog. numbers, p. 7.
  You can also connect your decoder directly to **EXTERNAL 1** or **2** with a eurocable.

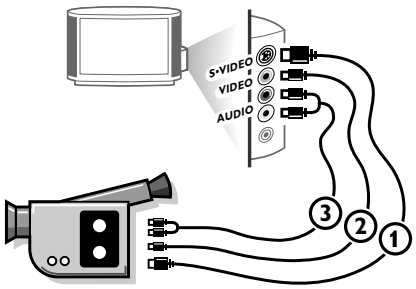
Video recorder and other peripherals (except DVD)



- Connect the aerial cables ①, ② and ③ as shown opposite. Better picture quality can be obtained if you also connect eurocable ⑤ to **EXTERNAL 2** and a eurocable ④ to **EXTERNAL 1** or **3**.
- Look for the test signal of your peripheral in the same way as you do for a video recorder.

When a video recorder is connected to **EXTERNAL 1** you can only record a programme from your TV.
Only when a video recorder is connected to **EXTERNAL 2** it is possible to record a programme from your TV as well as from other connected equipment. See Record with your video recorder, p. 26.

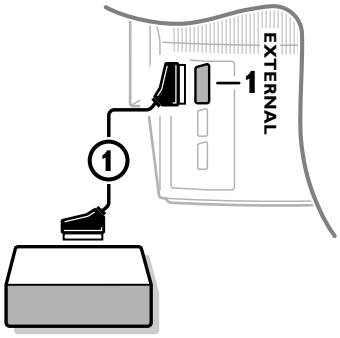
Camera and camcorder



- Connect your camera or camcorder at the right side of your TV.
- Connect the equipment to **VIDEO** ② and **AUDIO L** ③ for mono equipment.
- Press the I-II key under the door of the remote control repeatedly to select the sound coming from one or both loudspeakers of your TV.
- For stereo equipment also connect **AUDIO R** ③ .
  S-VHS quality with a S-VHS camcorder is obtained by connecting the S-VHS cables with the **S-VIDEO** input ① and **AUDIO** inputs ③.

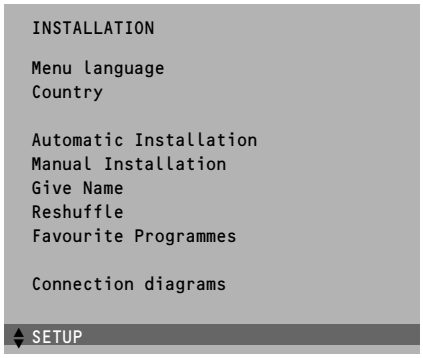
Other equipments

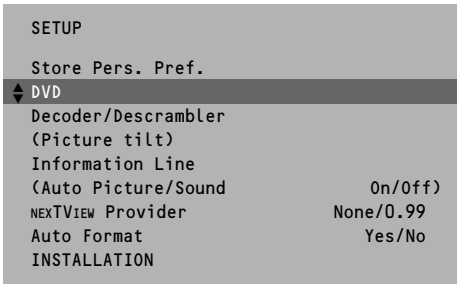
Connect the eurocable ① to **EXTERNAL 1** as shown opposite.



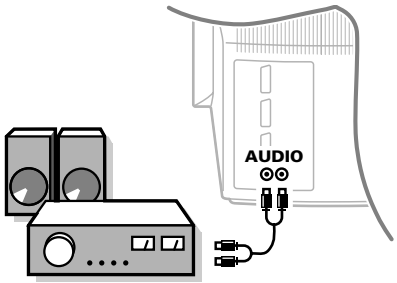
Only for DVD :

- Press ⏻ and ? at the same time.



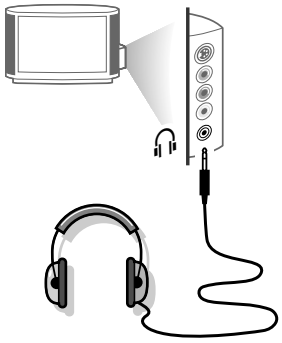


- Select **DVD Present** in the Setup menu of the **INSTALLATION** menu.
  This offers you optimum picture quality for your DVD.
- Keep the red ● key pressed to switch off all menus.



Audio equipment / Amplifier

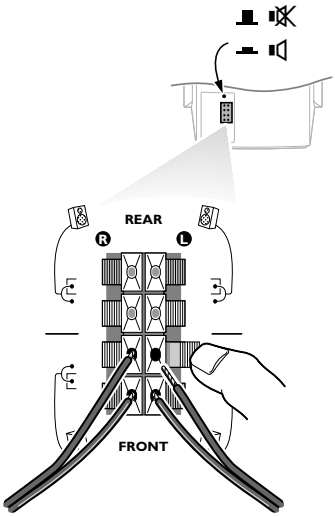
- Connect the audio cables to the audio input of your audio equipment and to **AUDIO L** and **R** at the back of your TV.
  You can listen to your TV sound via your audio equipment.



Headphone

- Insert the plug into the headphone socket 🎧 at the right side of the TV.
- Press 🔇 on the remote control to switch off the internal loudspeakers of the TV.
  The headphone impedance must be between 8 and 4000 Ohm. The headphone socket has a 3.5 mm jack.

In the **SOUND** menu select **Headphone** to adjust the headphone volume and to select dubbed or original language (when the TV channel broadcasts in two languages) for your headphone sound. See p. 11.



Extra loudspeakers

You can replace the left and right loudspeakers of your set by two extra loudspeakers, min. 8 Ohm.

- Connect the two loudspeakers to the connector clips at the back of the TV. Connect the left front loudspeaker at **FRONT L**; the right front loudspeaker at **FRONT R**.

  Push the connector clip down and insert the end of the wire into the opening: the positive wire (the one with the black line) to the red loudspeaker connection; the negative wire to the black loudspeaker connection. Do not insert the wires too far.

- Select a low volume adjustment and put the loudspeaker switch at the back in the position.
  The internal right and left loudspeakers of your TV are now switched off.

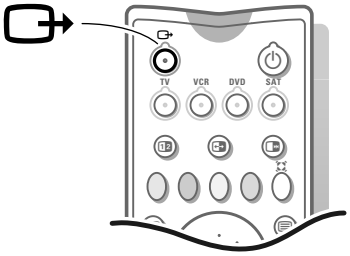
If you want to connect more equipment to your TV, consult your dealer.

To select connected equipment

If the TV is connected to a video recorder with the EasyLink function, in some cases the TV will be switched on, even when the TV was in standby. (E.g. playback tape,...) This is not possible when Child Lock On is selected.

Equipment connected with an aerial cable only :

- Select the programme number under which you have stored the test signal with the digit keys.



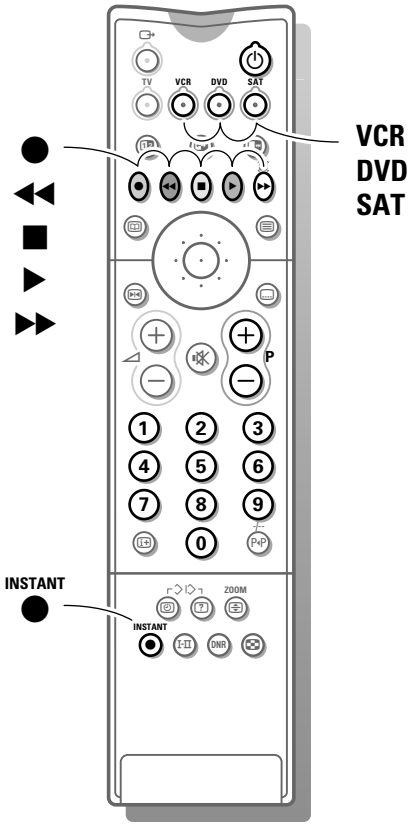
Equipment connected to a euroconnector or to the right side of the TV

- Press the ⊏→ key repeatedly to select **EXT1**, **EXT2**, **EXT3** or **FRONT**, according to where you connected your equipment at the back or the right side of your TV.

Remark : Most equipment (decoder, video recorder) carries out the switching itself.

Do you want to watch TV channels again ?

- Enter the programme number of the TV channel which you want to watch with the digit keys.



Video recorder, DVD and satellite keys

Most of the audio and video equipment from our range of products can be operated with the remote control of your TV.

- Press the **VCR**, **DVD** or **SAT** key according to the equipment you want to operate with this remote control.

Video recorder

Press one of the video recorder keys after you pressed the **VCR** key :

- ● for record,
- ◀◀ for rewind,
- ■ for stop,
- ▶ for play,
- ▶▶ for fast forward,
- -/-- for selecting 1- or 2-digit programme numbers from the video recorder or DVD tuner,
- **- P +** for fast programme selection from the video recorder tuner,
- **0** to **9** to select a programme number from your video recorder tuner,
- ⏻ to switch the video recorder to standby

These keys function with video recorders which use the RC5 signalling standard.

If your video recorder has the EasyLink function, the key **INSTANT** ● *for record and stop* ***under the door of the TV remote control,*** *can be operated in the TV mode.*
If your EasyLink videorecorder has the system standby function and when you press the ⏻ *key for 3 seconds, both TV and the video recorder are switched to standby.*

Record with your video recorder without EasyLink

To record S-VHS quality, connect a S-VHS peripheral directly to the video recorder.

1. Record a TV programme

using only an **aerial cable**

- Select the programme number on your video recorder.
- Set your video recorder to record.
  (See the handbook for your video recorder.)

Switching programme numbers on your TV does not disturb recording !

using a **eurocable** connected to the euroconnector **EXTERNAL 2**

With a video recorder connected to EXTERNAL 2 it is possible to record a programme from your TV as well as from other connected equipment.

- Select the programme number or external input on the TV.
- Select the right external on your video recorder.
- Set your video recorder to record.
  You record what you are watching on the screen.

Do not switch programme numbers or do not switch off your TV when you are recording !

using a **eurocable** connected to the euroconnector **EXTERNAL 1**

With a video recorder connected to EXTERNAL 1 you can only record a TV channel.

- Select the programme number on the TV.
- Set your video recorder to record.

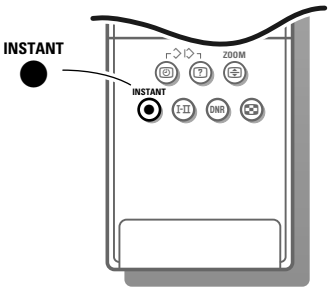
Switching to a programme from a connected peripheral equipment does not disturb recording .

2. Record a programme on your video recorder connected to EXTERNAL 2 from Audio/Video equipment connected to EXTERNAL 1, EXTERNAL 3 or to the right side

- Switch on the equipment.
- Select the right external on your video recorder.
- Set your video recorder to record.
  You record what you are watching on the screen.

Do not switch programme numbers or do not switch off your TV when you are recording !

Record with a video recorder with EasyLink



If you have connected a S-VHS video recorder provided with the EasyLink function, you can record S-VHS-quality from a S-VHS peripheral connected to the right side of the TV. (E.g. from a S-VHS camcorder.)

In TV mode, it is possible to start a direct recording of the programme which is being displayed on the TV screen.

- *Press the* **INSTANT** *record key* ● *under the door of the remote control of the TV or of the video recorder or the record key on the video recorder.*
  The video recorder switches on when it was in standby and a message of what is being recorded appears on the screen.
  The video recorder starts recording the programme you are watching.
- *Press the* **INSTANT** ● *key again to stop the recording.*

When recording a programme from a peripheral connected to EXTERNAL 1, 3 or FRONT, you can not select another TV programme on the screen.
To watch TV programmes again, press the programme number you want to select. twice. Then the recording is stopped and your video recorder switches to standby.

If you switch to standby during recording of a programme from a peripheral connected to EXTERNAL 1, 3 or FRONT, the blinking green lamp on the front of your TV indicates that you are still recording. The blinking stops after the recording is finished.

Record with a video recorder with NEXTVIEWLink

If your video recorder is equipped with NEXTVIEWLink, and you tagged one or more programmes to be recorded automatically in the NEXTVIEW mode, it is not necessary that the TV is in the standby mode or switched on for the recording to start.

Tips

Care of the screen

Clean the TV with a slightly damp soft cloth. Do not use abrasive solvent as it can damage the TV screen.

Poor Picture

Have you selected the correct TV system? Is your TV or house aerial located too close to loudspeakers, non-earthed audio equipment or neon lights, etc. ?
Mountains or high buildings can cause double pictures or ghost images.
Sometimes you can improve the picture quality by changing the direction of the outside aerial.
Is the picture or teletext unrecognisable? Check if you have entered the correct frequency. See Installation, p. 5.
Are brightness and contrast out of adjustment ? Select Recall Pers. Pref. in the Features menu, p. 13.
Sometimes poor picture quality is possible when having activated a S-VHS camera or camcorder connected to the right side of your TV and another peripheral is connected to **EXT1** or **EXT2** at the same time. In this case switch off one of the other peripherals.

No picture

Is the aerial connected properly ? Are the plugs tightly connected in the aerial socket? Is the aerial cable in good condition and does it have suitable plugs ? Are the connection facilities to a possible second TV in good condition ? If in doubt, consult your dealer.

Remote control

If your TV no longer responds to the remote control, the batteries may be dead.
You can still use the Menu key and the -/+ keys at the top of your TV.

Menu

Have you selected the wrong menu ? Press the same key again to exit from the menu.

NEXTVIEW - No information

See Acquisition and updating of NEXTVIEW information, p. 18.

No solution

Switch your TV off and then on again.

Never attempt to repair a defective TV yourself.

Check with your dealer or call a TV technician.

End of life directives

Your new TV contains materials which can be recycled and reused.
At the end of life specialised companies can dismantle the discarded TV to concentrate the reusable materials and to minimise the amount of materials to be disposed of.
Please ensure you dispose of your old TV according to local regulations.

How to dispose of dead batteries ?

The batteries supplied do not contain the heavy metals mercury and cadmium. Nevertheless in many countries dead batteries may not be disposed of with your household waste. Please ensure you dispose of dead batteries according to local regulations.

Index

a ACI, *5*
automatic installation, *5*
auto picture/sound, *7*
b bilingual broadcast, *10*
c camcorder, *23*
centre volume *12*
child lock, *13*
clock, *10*
country, *4*
d decoder/descrambler, *7*
digital, *11*
digital scan, *11*
dolby pro logic, *12*
dual screen, *15*
DVD, *23*
dynamic contrast, *11*
e easy text, *20*
eurocable, *22*
f favourite programmes, **6**
freeze, *9*
frequency, *5*
front speakers, *24*
g give name, *6*
graphic equalizer, *11*
h headphone, *23*
hue, *11*
i info on screen, *9*
information line, *7*
interrupt the sound, *9*
l language, *4*
loudness, *11*
m manual installation, *5*
menu language, *4*
message, *14*
n NEXTVIEW, *16*
NEXTVIEW provider, *8*
p picture adjustments, *11*
picture format, *10*
picture tilt, *7*
programme list, *9*
r rear speakers, *3*
rear volume, *12*
recall personal preferences, *13*
recording, *26*
reshuffle, *6*
s search for TV channels, *5*
setup, *7*
sleeptimer, *13*
smart picture and sound, *10*
sound adjustments, *11*
sound mode, *10*
stereo, *10*
store personal preferences, *7*
store TV channels, *4*
strobe, *10*
subtitles, *9*
subpages teletext, *21*
surround mode, *12*
S-VHS, *26*
switch TV on, *3*
t teletext, *20*
v video recorder, *25*
volume, *9*

Lexicon

100 Hz

100 Hertz provides a superior solution to the problem of picture flicker which is particularly noticeable with larger screen sizes. In a conventional TV, the picture area is scanned 50 times a second (50 Hertz) – a frequency which is still detectable by the human eye in the form of a flickering picture. In 100 Hertz sets, the picture area is scanned at a rate of 100 times per second (100 Hertz). At this frequency, the eye cannot detect flicker, resulting in a clearer picture which is more relaxing to the eye.

Automatic Channel Installation (ACI)

Automatically installs all TV channels in the same order as offered by your cable company, provided of course that the data is transmitted. It also automatically includes programme number and programme name.
With ACI, channel installation is fully automatic, simple and fast.

Child Lock

Feature to prevent children from viewing unwanted channels.

Digital Scan

If you look at a television screen you will see small imperfections in the picture caused by line vibration. Digital Scan (an internal process) removes interline flicker. When combined with 100 Hz, you will see a totally stable image.

DNR

Digital Noise Reduction.
By encoding signals digitally in 100 Hz sets with Digital Scan it is possible to clean up picture noise. This is especially beneficial in poor signal areas and when viewing poor quality video tapes.

Dolby Surround Pro Logic

Literally wraps you in 4-channel sound. It brings your favourite movies to life with all the realism and impact of cinema sound as though you are part of the action.

Easy Link

Digital 'intelligent' ESI bus-system between audio components in HiFi systems and between TV and VCR. (Scart connection required). Turns source selection and control into a one-button operation.

Easy Text

Teletext memory that automatically memorises Teletext pages and gives you instant access to them.

Euroconnector

A 21-pins connector system enabling you to simply connect various types of audio/video and computer equipment.

Menu

On-screen display of functions and facilities in a well-organised survey, which you can select using your remote control.

NEXTVIEW

NEXTVIEW is a new feature to assist the TV and VCR user in selecting the programmes she or he likes to watch from a television programme guide on the screen. It enables the user to see a description of every programme, and mark interesting programmes to be reminded (auto TV on), recorded (NEXTVIEWLink video recorder required) or viewed.

NTSC

The broadcasting system used in the USA, Japan and parts of South America and Southeast-Asia.

Smart Picture and Sound Controls

Keys on the remote control to select predefined picture and sound settings.

Sleeptimer

Function with which you can set a time period after which the TV should switch itself off to standby.

Picture Freeze

TV mode which allows you to "freeze" a certain image in order to study a specific detail at ease, e.g. to make notes of certain programme information like phone numbers.

Teletext

See also Easy Text
WST: World Standard Teletext.
FLOF: Full Level one Features. System applied by the BBC, RVE.... that provides a fast access to the teletext pages.
TOP: Table of (Teletext) Pages. German system for an easy access to the teletext pages.

Tint (or Hue in NTSC)

TV-function to modify the general colour balance between cool and warm and to adjust it according to your personal preference.